We claim:

1. A compound having formula (I):

$$(R^2)_n$$
 A
 R^1
 I

5 or a pharmaceutically acceptable derivative thereof, wherein X is

$$R^6$$
 B O R^7

$$\mathbb{R}^{0} \overset{\mathbb{N}}{\longrightarrow} \mathbb{B}^{N}_{\parallel}$$

$$R^{6}$$
 R^{7}
 N
 R^{9}

15

25

R¹ is selected from halogen, hydroxyl, lower alkyl, lower cycloalkyl, alkynyl, trifluoromethyl, methoxy, trifluoromethoxy, cyano, -NH₂, -NR⁴R⁵ and -OR⁴:

R² is attached to any available carbon atom of the phenyl ring A and at each occurrence is independently selected from hydrogen, alkyl, lower cycloalkyl, halo, trifluoromethyl, trifluoromethoxy, -OMe, -CN, -NMe₂; -S(=O)alkyl, -S(=O)aryl, -NHSO₂-aryl-R⁴, -NHSO₂alkyl, -CO₂R⁴, -CONH₂, -

10 SO₃H, -S(O)alkyl, -S(O)aryl, -SO₂NHR⁴, and -NHC(=O)NHR⁴;

n is 0 or 1;

Y is $-L-R^3$ or R^{11} ;

R³ is selected from hydrogen, alkyl, -OR⁴, substituted alkyl, cycloalkyl, -CR⁴cycloalkyl, heteroaryl, substituted heteroaryl, heterocycle and substituted heterocycle;

L is -C(=O)NH-, -NH(C=O)-, $-SO_2NH$ -, $-NHSO_2$ -, or -C(=O)-;

R¹¹ is an optionally substituted 5-membered heteroaryl;

W is CH or N;

V is -M-R¹⁰ or R¹⁴;

20 M is $-C(=O)NR^4$ -, $-NR^4(C=O)$ -, $-NR^4(C=O)NR^4$ -, $-NR^4SO_2$ -, or -C(=O)-;

 R^{14} is aryl or heteroaryl optionally substituted with up to three R^{12} ;

P is $-Q-R^{10}$ or R^{15} ;

Q is -NR⁴ (C=O)-, -NR⁴ (C=O)NR⁴-, -SO₂NR⁴-, -NR⁴SO₂-, or -C(=O)-;

R¹⁵ is aryl or heteroaryl optionally substituted with up to three R¹²;

R⁴ and R⁵ are each selected independently from hydrogen, lower alkyl and lower cycloalkyl;

R⁶ is attached to any available carbon atom of the phenyl ring B and at each occurrence is independently selected from hydrogen, alkyl, lower

30 cycloalkyl, halo, trifluoromethyl, trifluoromethoxy, -OMe, -CN, -NH2, -NMe2;

-S(=O)alkyl, -S(=O)aryl, -NHSO₂-aryl-R⁴, -NHSO₂alkyl, -CO₂R⁴, -CONH₂, -SO₃H, -S(O)alkyl, -S(O)aryl, -SO₂NHR⁴, -NHC(=O)R⁴, and -NHC(=O)NHR⁴;

R⁷ and R⁸ are each independently selected from hydrogen, alkyl, substituted alkyl, aryl, and cycloalkyl;

R⁹ is hydrogen, alkyl, substituted alkyl or cycloalkyl;
R¹⁰ is alkyl, substituted alkyl, aryl, or -(CH₂)_t-D-(CH₂)_e-R¹³;
t is selected from 0, 1, 2 and 3; e is selected from 0, 1, 2 and 3;

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D is selected from a bond, an optionally substituted heterocycle, an optionally substituted aryl, -O-, -S-, -(C=O)-, -NR⁴(C=O)-, -(C=O)NR⁴-, -S(O)-, SO₂NR⁴-, SO₂-, and -NR⁴-;

R¹² is selected from R¹⁰, NO₂, CN, lower cycloalkyl, halo, trifluoromethyl, trifluoromethoxy, -OMe, -CN, -NMe₂; -S(=O)alkyl, -S(=O)aryl, -NHSO₂-aryl-R⁴, -NHSO₂alkyl, -CO₂R⁴, -CONH₂, -SO₃H, -S(O)alkyl, -S(O)aryl, -SO₂NHR⁴, and -NHC(=O)NHR⁴; and

R¹³ is selected from an optionally substituted five- to seven-membered heterocyclic ring, an optionally substituted five- to seven-membered heteroaryl ring and an optionally substituted fused bicyclic ring,

with the proviso that when Q is CO then Y is not oxadiazelyl and L is not -C(=O)NH- or -NHC(=O).

2. The compound of claim 1, having formula (II):

where R² is selected from hydrogen, methyl and halogen; and R³ is selected from alkyl, -OR⁴, substituted alkyl, cycloalkyl, heteroaryl and substituted heteroaryl.

3. The compound of claims 1 or 2 having formula (III):

4. The compound of any of claims 1-3 having formula (IV):

wherein R³ is selected from lower alkyl, lower cycloalkyl, heteroaryl, and substituted heteroaryl.

5. The compound of any of claims 1-4 having formula (V):

6. The compound of claim 1 having formula (VI):

10

$$R^2$$
 R^{11}
 R^1
 R^1
 R^1
 R^1

where R^1 is selected from methyl, cyclopropyl and halogen; and R^2 is selected from hydrogen, methyl and halogen.

7. The compound of claims 1 or 6 having formula (VII):

8. The compound of any of claims 1, 6 and 7 having formula (VIII):

5

10

wherein

R¹ is selected from methyl, cyclopropyl and halogen;

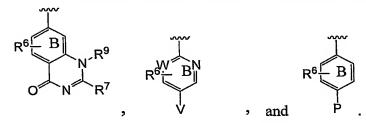
R² is selected from hydrogen, methyl and halogen; and

R¹⁶ is selected from hydrogen, lower alkyl and lower cycloalkyl.

9. The compound of any of claims 1 and 6-8 having formula (IX):

10. The compound of any of claims 1 and 6-9 having formula:

11. The compound of claim 1, wherein X is selected from



- 5 12. The compound of claims 1 or 11, wherein R⁶ is lower alkyl or hydrogen.
 - 13. The compound of any of claims 1 and 11-12, wherein R⁶ is methyl or hydrogen
- 14. The compound of any of claims 1 and 11-13, wherein R⁶ is 10 methyl.
 - 15. The compound of any of claims 1 and 11-13, wherein \mathbb{R}^6 is hydrogen.
 - 16. The compound of any of claims 1-15, wherein W is CH or N.
 - 17. The compound of any of claims 1-16, wherein W is CH.
- 15 18. The compound of any of claims 1-16, W is N.
 - 19. The compound of any of claim 1-15, wherein V is $-M-R^{10}$ or R^{14} .
 - 20. The compound of any of claims 1 or 19, wherein M is $C(=0)NR^4$ -.
- 20 21. The compound of any of claims 1, and 19-20, wherein M is C(=O)NH-.
 - 22. The compound of claims 1 or 19, wherein R^{10} is alkoxyaralkyl.
 - 23. The compound of any of claims 1, 19 and 22, wherein \mathbf{R}^{10} is methoxybenzyl.

24. The compound of any of claims 1-19, wherein R¹⁴ is aryl or heteroaryl optionally substituted with up to three R¹².

- 25. The compound of any of claims 1-19 and 24, wherein R¹⁴ is heteroaryl optionally substituted with lower alkyl.
- 5 26. The compound of any of claims 1-19 and 24-25, wherein R¹⁴ is oxadiazolyl, optionally substituted with methyl.
 - 27. The compound of any of claims 1-11, wherein P is -C(=O) R^{10} or R^{15} , where R^{10} is aryl and R^{15} is aryl or heteroaryl optionally substituted with up to three R^{12} .
- 10 28. The compound of any of claims 1, 6, 8 and 11-27, wherein R¹ is selected from lower alkyl, lower cycloalkyl and halogen.
 - 29. The compound of any of claims 1, 6, 8 and 11-28, wherein R¹ is lower alkyl.
- 30. The compound of of any of claims 1, 6, 8 and 11-29, wherein R¹ is methyl.
 - 31. The compound of any of claims 1, 2, 6, 8 and 11-30, wherein R² is selected from lower alkyl, lower cycloalkyl and halogen.
 - 32. The compound of any of claims 1, 2, 6, 8 and 11-31, wherein R^2 is hydrogen.
- 20 33. The compound of any of claims 1 and 11-32, wherein L is CONH-.
 - 34. The compound of any of claims 1 and 11-33, wherein R³ is selected from lower alkyl, lower cycloalkyl, heteroaryl, substituted heteroaryl.
- 35. The compound of any of claims 1 and 11-34, wherein R³ is lower cycloalkyl.

- 36. The compound of any of claims 1 and 11-35, wherein R³ is cyclopropyl.
- 37. The compound of claim 1 selected from:
 6-Methyl-4'-[1,3,4]oxadiazol-2-yl-biphenyl-3-carboxylic acid cyclopropylamide;
 6-Methyl-4'-(5-methyl-[1,3,4]oxadiazol-2-yl)-biphenyl-3-carboxylic acid cyclopropylamide;
 - 6-Methyl-4'-(4H-[1,2,4]triazol-3-yl)-biphenyl-3-carboxylic acid cyclopropylamide;

N-Cyclopropyl-4-methyl-3-(5-[1,3,4]oxadiazol-2-yl-pyridin-2-yl)-benzamide; N-Cyclopropyl-4-methyl-3-[5-(5-methyl-[1,3,4]oxadiazol-2-yl)-pyridin-2-yl]-benzamide;

- 3-(3-Benzyl-4-oxo-3,4-dihydro-quinazolin-7-yl)-N-cyclopropyl-4-methyl-benzamide;
- 5 N-Cyclopropyl-3-[3-(2,6-dichloro-benzyl)-4-oxo-3,4-dihydro-quinazolin-7-yl]-4-methyl-benzamide;
 - N-Cyclopropyl-3-[3-(3,4-dichloro-benzyl)-4-oxo-3,4-dihydro-quinazolin-7-yl]-4-methyl-benzamide;
- N-Cyclopropyl-3-[3-(4-methoxy-benzyl)-4-oxo-3,4-dihydro-quinazolin-7-yl]-4-10 methyl-benzamide;
 - N-Cyclopropyl-4-methyl-3-(4-oxo-3,4-dihydro-quinazolin-7-yl)-benzamide;
 - 4'-Benzoyl-6-methyl-biphenyl-3-carboxylic acid cyclopropylamide;
 - 6-(5-Cyclopropylcarbamoyl-2-methyl-phenyl)-N-(4-methoxy-benzyl)-nicotinamide;
- 15 N-(4-Methoxybenzyl)-2-[(5-cyclopropylaminocarbonyl)-2-methylphenyl]-4-aminopyrimidine-5-carboxyamide;
 - 3'-Amino-4'-benzoyl-6-methyl-biphenyl-3-carboxylic acid cyclopropylamide; N-Cyclopropyl-4-methyl-3-(2-oxo-4-phenyl-1,2-dihydro-quinazolin-7-yl)-benzamide; N-Cyclopropyl-4-methyl-3-(4-phenyl-quinazolin-7-yl)-benzamide; and
- 20 3'-Acetylamino-4'-benzoyl-6-methyl-biphenyl-3-carboxylic acid cyclopropylamide.
 - 38. A method of treating, preventing, or ameliorating one or more symptoms of p38 kinase-mediated diseases or disorders, comprising administering to a subject in need thereof a compound of any of claims 1-37.
- 39. The method of claim 38, wherein the disease or disorder is selected from inflammatory diseases, autoimmune diseases, destructive bone disorders, proliferative disorders, angiogenic disorders, infectious diseases, neurodegenerative diseases, and viral diseases.
- 40. The method of claims 37 or 38, wherein the disease or disorder is selected from pancreatitis (acute or chronic), asthma, allergies, adult respiratory distress syndrome, chronic obstructive pulmonary disease, glomerulonephritis, rheumatoid arthritis, systemic lupus erythematosis, scleroderma, chronic thyroiditis, Grave's disease, autoimmune gastritis, diabetes, autoimmune hemolytic anemia,

autoimmune neutropenia, thrombocytopenia, atopic dermatitis, chronic active hepatitis, myasthenia gravis, multiple sclerosis, inflammatory bowel disease, ulcerative colitis, Crohn's disease, psoriasis, graft vs. host disease, inflammatory reaction induced by endotoxin, tuberculosis, atherosclerosis, muscle degeneration, cachexia, psoriatic arthritis, Reiter's syndrome, gout, traumatic arthritis, rubella arthritis, acute synovitis, pancreatic β-cell disease; diseases characterized by massive neutrophil infiltration; rheumatoid spondylitis, gouty arthritis and other arthritic conditions, cerebral malaria, chronic pulmonary inflammatory disease, silicosis, pulmonary sarcoisosis, bone resorption disease, allograft rejections, fever and myalgias due to infection, cachexia secondary to infection, meloid formation, scar tissue formation, ulcerative colitis, pyresis, 10 influenza, osteoporosis, osteoarthritis and multiple myeloma-related bone disorder, acute myelogenous leukemia, chronic myelogenous leukemia, metastatic melanoma, Kaposi's sarcoma, multiple myeloma, sepsis, septic shock, and Shigellosis; Alzheimer's disease, Parkinson's disease, cerebral ischemias or neurodegenerative disease caused by traumatic injury; angiogenic disorders including solid tumors, ocular neovasculization, 15 and infantile haemangiomas; viral diseases including acute hepatitis infection (including hepatitis A, hepatitis B and hepatitis C), HIV infection and CMV retinitis, AIDS, SARS, ARC or malignancy, and herpes; stroke, myocardial ischemia, ischemia in stroke heart attacks, organ hyposia, vascular hyperplasia, cardiac and renal reperfusion injury, thrombosis, cardiac hypertrophy, thrombin induced platelet aggregation, endotoxemia 20 and/or toxic shock syndrome, and conditions associated with prostaglandin endoperoxidase synthase-2.

- 41. A method of inhibiting the expression of inducible pro-inflammatory proteins, comprising administering to a subject in need thereof a compound of any of claims 1-37.
- 42. The method of claim 41, wherein the inducible pro-inflammatory protein is prostaglandin endoperoxide synthase-2 (PGHS-2), also referred to as cyclooxygenase-2 (COX-2).

25

43. A method of treating, preventing, or ameliorating one or more symptoms of diseases or disorders associated with inducible pro-inflammatory proteins, comprising administering to a subject in need thereof a compound of any of claims 1-37.

44. The method of claim 43, wherein the disease or disorder is selected from edema, analgesia, fever, pain, neuromuscular pain, headache, pain caused by cancer, dental pain and arthritis pain.

- 45. The method of claim 40, wherein the viral infection is a veterinary viral infection.
 - 46. The method of claim 45, wherein the veterinary viral infection is lentivirus infection, equine infectious anemia virus; retro virus infection, feline immunodeficiency virus, bovine immunodeficiency virus, and canine immunodeficiency virus.
- 47. A method of treating, preventing, or ameliorating one or more symptoms of a cytokine mediated disease or disorder, comprising administering to a subject in need thereof a compound of any of claims 1-37.
 - 48. The method of any of claims 38-47, further comprising administering a corticosteroid, rolipram, calphostin, a CSAID, a 4-substituted imidazo[1,2-
- Alquinoxaline, interleukin-10, a glucocorticoid, a salicylate, nitric oxide, an immunosuppressant, a nuclear translocation inhibitor, deoxyspergualin (DSG); a non-steroidal antiinflammatory drug (NSAID), ibuprofen, celecoxib, rofecoxib; a steroid, prednisone, dexamethasone; an antiviral agent, abacavir; an antiproliferative agent, methotrexate, leflunomide, FK506; a cytotoxic drug, azathioprine, cyclophosphamide,
- 20 a TNF-α inhibitor, tenidap, an anti-TNF antibody, a soluble TNF receptor, and rapamycin, or derivatives thereof.

- 49. A method of inhibiting p38 kinases, comprising contacting a p38 kinase with a compound of any of claims 1-37.
 - 50. The method of claim 49, wherein the p38 kinase is $p38\alpha$ or $p38\beta$ kinases.
- 51. A method of mediating cytokine response, comprising administering to a subject in need thereof an effective amount of a compound of any of claims 1-37.
- 52. The method of claim 51, wherein the cytokine response is induced by p38 kinase activity.
- 53. A method of inhibiting inflammatory response, comprising
 30 administering to a subject in need thereof an effective amount of a compound of any
 of claims 1-37.

54. A pharmaceutical composition, comprising a compound of any of claims 1-37 and a pharmaceutically acceptable carrier.

- 55. The pharmaceutical composition of claim 54 that is formulated for single dosage administration.
- 56. The pharmaceutical composition of claims 54 or 55, further comprising one or more of the following: corticosteroid, rolipram, calphostin, a CSAID, a 4-substituted imidazo[1,2-A]quinoxaline, interleukin-10, a glucocorticoid, a salicylate, nitric oxide, an immunosuppressant, a nuclear translocation inhibitor, deoxyspergualin (DSG); a non-steroidal antiinflammatory drug (NSAID), ibuprofen, celecoxib, rofecoxib; a steroid, prednisone, dexamethasone; an antiviral agent, abacavir; an antiproliferative agent, methotrexate, leflunomide, FK506; a cytotoxic drug, azathioprine, cyclophosphamide, a TNF-α inhibitor, tenidap, an anti-TNF antibody, a soluble TNF receptor, and rapamycin, or derivatives thereof.
- 57. An article of manufacture, comprising packaging material, a compound of any of claims 1-37 which is useful for treating, preventing, or ameliorating one or more symptoms of p38 kinase-mediated diseases or disorders, and a label that indicates that the compound is useful for treating, preventing, or ameliorating one or more symptoms of p38 kinase-mediated diseases or disorders.
- 58. A method of treating, preventing, or ameliorating one or more symptoms
 of p38 kinase-mediated diseases or disorders, comprising administering to a subject in need thereof a compound of formula (I):

$$(R^2)_n$$
 A
 R^1
 I

or a pharmaceutically acceptable derivative thereof, wherein X is

25

5

10

R⁶ B

$$R^{6} \stackrel{\square}{\parallel} B$$

$$5 \qquad R^{7} \qquad N \qquad O$$

$$R^6$$
 B P

R¹ is selected from hydrogen, halogen, hydroxyl, lower alkyl, lower

10 cycloalkyl, alkynyl, trifluoromethyl, methoxy, trifluoromethoxy, cyano, -NH₂,
NR⁴R⁵ and -OR⁴;

 R^2 is attached to any available carbon atom of the phenyl ring A and at each occurrence is independently selected from hydrogen, alkyl, lower cycloalkyl, halo, trifluoromethyl, trifluoromethoxy, -OMe, -CN, -NMe₂; -S(=O)alkyl, -S(=O)aryl, -NHSO₂-aryl-R⁴, -NHSO₂alkyl, -CO₂R⁴, -CONH₂, -SO₃H, -S(O)alkyl, -S(O)aryl, -SO₂NHR⁴, and -NHC(=O)NHR⁴; n is 0 or 1;

Y is $-L-R^3$ or R^{11} :

R³ is selected from hydrogen, alkyl, -OR⁴, substituted alkyl, cycloalkyl, -CR⁴cycloalkyl, heteroaryl, substituted heteroaryl, heterocycle and substituted heterocycle;

5 L is -C(=0)NH-, -NH(C=0)-, -SO₂NH-, -NHSO₂-, or -C(=0)-;

R¹¹ is an optionally substituted 5-membered heteroaryl;

W is CH or N;

V is $-M-R^{10}$ or R^{14} ;

M is $-C(=O)NR^4$ -, $-NR^4(C=O)$ -, $-NR^4(C=O)NR^4$ -, $-NR^4SO_2$ -, or

10 -C(=O)-;

20

 R^{14} is aryl or heteroaryl optionally substituted with up to three R^{12} ; P is -0- R^{10} or R^{15} ;

Q is $-NR^4$ (C=O)-, $-NR^4$ (C=O)NR⁴-, $-SO_2NR^4$ -, $-NR^4SO_2$ -, or -C(=O)-;

R¹⁵ is aryl or heteroaryl optionally substituted with up to three R¹²; .

15 R⁴ and R⁵ are each selected independently from hydrogen, lower alkyl and lower cycloalkyl;

R⁶ is attached to any available carbon atom of the phenyl ring B and at each occurrence is independently selected from hydrogen, alkyl, lower cycloalkyl, halo, trifluoromethyl, trifluoromethoxy, -OMe, -CN, -NH₂, -NMe₂;

 $-S(=O) alkyl, -S(=O) aryl, -NHSO_2 -aryl-R^4, -NHSO_2 alkyl, -CO_2R^4, -CONH_2, -SO_3H, -S(O) alkyl, -S(O) aryl, -SO_2NHR^4, -NHC(=O)R^4, and -NHC(=O)NHR^4;\\$

R⁷ and R⁸ are each independently selected from hydrogen, alkyl, substituted alkyl, aryl, and cycloalkyl;

R⁹ is hydrogen, alkyl, substituted alkyl or cycloalkyl;

25 R^{10} is alkyl, substituted alkyl, aryl, or -(CH₂)_t-D-(CH₂)_e- R^{13} ;

t is selected from 0, 1, 2 and 3; e is selected from 0, 1, 2 and 3;

D is selected from a bond, an optionally substituted heterocycle, an optionally substituted aryl, -O-, -S-, -(C=O)-, -NR⁴(C=O)-, -(C=O)NR⁴-, -S(O)-, SO₂NR⁴-, SO₂-, and -NR⁴-;

30 R¹² is selected from R¹⁰, NO₂, CN, lower cycloalkyl, halo, trifluoromethyl, trifluoromethoxy, -OMe, -CN, -NMe₂; -S(=O)alkyl, -

S(=O)aryl, -NHSO₂-aryl-R⁴, -NHSO₂alkyl, -CO₂R⁴, -CONH₂, -SO₃H, -S(O)alkyl, -S(O)aryl, -SO₂NHR⁴, and -NHC(=O)NHR⁴; and

R¹³ is selected from an optionally substituted five- to seven-membered heterocyclic ring, an optionally substituted five- to seven-membered heteroaryl ring and an optionally substituted fused bicyclic ring,

with the proviso that when Q is CO then Y is not oxadiazelyl and L is not -C(=O)NH- or -NHC(=O).

59. A method of inhibiting the expression of inducible pro-inflammatory proteins, comprising administering to a subject in need thereof a compound of formula (I):

$$(R^2)_n$$
 A
 R^1
 I

or a pharmaceutically acceptable derivative thereof, wherein X is

15

$$R^6$$
 B N R^8

R¹ is selected from hydrogen, halogen, hydroxyl, lower alkyl, lower cycloalkyl, alkynyl, trifluoromethyl, methoxy, trifluoromethoxy, cyano, -NH₂, -NR⁴R⁵ and -OR⁴;

R² is attached to any available carbon atom of the phenyl ring A and at each occurrence is independently selected from hydrogen, alkyl, lower

10 cycloalkyl, halo, trifluoromethyl, trifluoromethoxy, -OMe, -CN, -NMe₂; - S(=O)alkyl, -S(=O)aryl, -NHSO₂-aryl- R^4 , -NHSO₂alkyl, - CO_2R^4 , -CONH₂, - SO_3H , -S(O)alkyl, -S(O)aryl, - SO_2NHR^4 , and -NHC(=O)NHR⁴;

n is 0 or 1;

Y is $-L-R^3$ or R^{11} ;

R³ is selected from hydrogen, alkyl, -OR⁴, substituted alkyl, cycloalkyl, -CR⁴cycloalkyl, heteroaryl, substituted heteroaryl, heterocycle and substituted heterocycle;

L is –C(=O)NH-, -NH(C=O)-, -SO₂NH-, -NHSO₂-, or -C(=O)-;

R¹¹ is an optionally substituted 5-membered heteroaryl;

20 W is CH or N;

15

V is $-M-R^{10}$ or R^{14} :

 $\label{eq:mis-converge} M\,\text{is}\,-C(=O)NR^4-,\,-NR^4(C=O)-,\,-NR^4(C=O)NR^4-,\,-NR^4SO_2-,\,\text{or}\\ -C(=O)-;$

 R^{14} is aryl or heteroaryl optionally substituted with up to three R^{12} ;

25 P is $-Q-R^{10}$ or R^{15} ;

Q is $-NR^4$ (C=O)-, $-NR^4$ (C=O)NR⁴-, $-SO_2NR^4$ -, $-NR^4SO_2$ -, or -C(=O)-;

R¹⁵ is aryl or heteroaryl optionally substituted with up to three R¹²;

R⁴ and R⁵ are each selected independently from hydrogen, lower alkyl and lower cycloalkyl;

R⁶ is attached to any available carbon atom of the phenyl ring B and at

5 each occurrence is independently selected from hydrogen, alkyl, lower
cycloalkyl, halo, trifluoromethyl, trifluoromethoxy, -OMe, -CN, -NH₂, -NMe₂;
-S(=O)alkyl, -S(=O)aryl, -NHSO₂-aryl-R⁴, -NHSO₂alkyl, -CO₂R⁴, -CONH₂, SO₃H, -S(O)alkyl, -S(O)aryl, -SO₂NHR⁴, -NHC(=O)R⁴, and -NHC(=O)NHR⁴;

R⁷ and R⁸ are each independently selected from hydrogen, alkyl, substituted alkyl, aryl, and cycloalkyl;

R⁹ is hydrogen, alkyl, substituted alkyl or cycloalkyl; R¹⁰ is alkyl, substituted alkyl, aryl, or -(CH₂)_t-D-(CH₂)_e-R¹³; t is selected from 0, 1, 2 and 3; e is selected from 0, 1, 2 and 3;

D is selected from a bond, an optionally substituted heterocycle, an optionally substituted aryl, -O-, -S-, -(C=O)-, -NR⁴(C=O)-, -(C=O)NR⁴-, -S(O)-, SO₂NR⁴-, SO₂-, and -NR⁴-;

R¹² is selected from R¹⁰, NO₂, CN, lower cycloalkyl, halo, trifluoromethyl, trifluoromethoxy, -OMe, -CN, -NMe₂; -S(=O)alkyl, -S(=O)aryl, -NHSO₂-aryl-R⁴, -NHSO₂alkyl, -CO₂R⁴, -CONH₂, -SO₃H, -S(O)alkyl, -S(O)aryl, -SO₂NHR⁴, and -NHC(=O)NHR⁴; and

R¹³ is selected from an optionally substituted five- to seven-membered heterocyclic ring, an optionally substituted five- to seven-membered heteroaryl ring and an optionally substituted fused bicyclic ring,

with the proviso that when Q is CO then Y is not oxadiazolyl and L is not -C(=O)NH- or -NHC(=O).

60. A method of treating, preventing, or ameliorating one or more symptoms of diseases or disorders associated with inducible pro-inflammatory proteins, comprising administering to a subject in need thereof a compound of formula (I):

30

20

$$(R^2)_n$$
 A
 R^1
 I

or a pharmaceutically acceptable derivative thereof, wherein X is

5

$$\mathbb{R}^{\mathbb{N}} \xrightarrow{\mathbb{B}^{\mathbb{N}}_{\mathbb{N}}}$$

$$R^6$$
 B N R^7

$$R^6$$
 R^7 R^8

10

 R^1 is selected from hydrogen, halogen, hydroxyl, lower alkyl, lower cycloalkyl, alkynyl, trifluoromethyl, methoxy, trifluoromethoxy, cyano, -NH₂, -NR⁴R⁵ and -OR⁴;

```
R<sup>2</sup> is attached to any available carbon atom of the phenyl ring A and at
     each occurrence is independently selected from hydrogen, alkyl, lower
     cycloalkyl, halo, trifluoromethyl, trifluoromethoxy, -OMe, -CN, -NMe2; -
     S(=O)alkyl, -S(=O)aryl, -NHSO<sub>2</sub>-aryl-R<sup>4</sup>, -NHSO<sub>2</sub>alkyl, -CO<sub>2</sub>R<sup>4</sup>, -CONH<sub>2</sub>, -
     SO<sub>3</sub>H. -S(O)alkyl. -S(O)aryl. -SO<sub>2</sub>NHR<sup>4</sup>, and -NHC(=O)NHR<sup>4</sup>;
               n is 0 or 1;
               Y is -L-R^3 or R^{11}:
               R<sup>3</sup> is selected from hydrogen, alkyl, -OR<sup>4</sup>, substituted alkyl, cycloalkyl,
      -CR<sup>4</sup>cycloalkyl, heteroaryl, substituted heteroaryl, heterocycle and substituted
     heterocycle;
10
              L is -C(=O)NH-, -NH(C=O)-, -SO<sub>2</sub>NH-, -NHSO<sub>2</sub>-, or -C(=O)-;
              R<sup>11</sup> is an optionally substituted 5-membered heteroaryl;
               W is CH or N;
               V is -M-R^{10} or R^{14}:
              M is -C(=O)NR^4-, -NR^4(C=O)-, -NR^4(C=O)NR^4-, -NR^4SO_2-, or
15
       -C(=O)-;
               R<sup>14</sup> is aryl or heteroaryl optionally substituted with up to three R<sup>12</sup>;
               P is -Q-R^{10} or R^{15};
               Q is -NR^4 (C=O)-, -NR^4 (C=O)NR<sup>4</sup>-, -SO_2NR^4-, -NR^4SO_2-, or -C(=O)-;
               R<sup>15</sup> is aryl or heteroaryl optionally substituted with up to three R<sup>12</sup>;
20
               R<sup>4</sup> and R<sup>5</sup> are each selected independently from hydrogen, lower alkyl
        and lower cycloalkyl;
                R<sup>6</sup> is attached to any available carbon atom of the phenyl ring B and at
        each occurrence is independently selected from hydrogen, alkyl, lower
        cycloalkyl, halo, trifluoromethyl, trifluoromethoxy, -OMe, -CN, -NH2, -NMe2;
 25
        -S(=O)alkyl, -S(=O)aryl, -NHSO_2-aryl-R^4, -NHSO_2alkyl, -CO_2R^4, -CONH_2, -CONH_2
        SO<sub>3</sub>H. -S(O)alkyl, -S(O)aryl, -SO<sub>2</sub>NHR<sup>4</sup>, -NHC(=O)R<sup>4</sup>, and -NHC(=O)NHR<sup>4</sup>;
                R<sup>7</sup> and R<sup>8</sup> are each independently selected from hydrogen, alkyl,
        substituted alkyl, aryl, and cycloalkyl;
                R<sup>9</sup> is hydrogen, alkyl, substituted alkyl or cycloalkyl;
  30
                R^{10} is alkyl, substituted alkyl, aryl, or -(CH<sub>2</sub>)<sub>t</sub>-D-(CH<sub>2</sub>)<sub>e</sub>-R^{13};
                 t is selected from 0, 1, 2 and 3; e is selected from 0, 1, 2 and 3;
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D is selected from a bond, an optionally substituted heterocycle, an optionally substituted aryl, -O-, -S-, -(C=O)-, -NR 4 (C=O)-, -(C=O)NR 4 -, -S(O)-, SO₂NR 4 -, SO₂-, and -NR 4 -;

R¹² is selected from R¹⁰, NO₂, CN, lower cycloalkyl, halo,

5 trifluoromethyl, trifluoromethoxy, -OMe, -CN, -NMe₂; -S(=O)alkyl, -S(=O)aryl, -NHSO₂-aryl-R⁴, -NHSO₂alkyl, -CO₂R⁴, -CONH₂, -SO₃H, -S(O)alkyl, -S(O)aryl, -SO₂NHR⁴, and -NHC(=O)NHR⁴; and

R¹³ is selected from an optionally substituted five- to seven-membered heterocyclic ring, an optionally substituted five- to seven-membered heteroaryl ring and an optionally substituted fused bicyclic ring,

with the proviso that when Q is CO then Y is not oxadiazolyl and L is not -C(=O)NH- or -NHC(=O).

61. A method of mediating cytokine response comprising administering to a subject in need thereof a compound of formula (I):

15

10

$$(R^2)_n$$
 A
 R^1
 I

or a pharmaceutically acceptable derivative thereof, wherein X is

$$R^6 \xrightarrow{B}_{N \xrightarrow{N}} R^7$$

$$R^{\theta}$$
 B
 N
 R^{7}

$$R^6$$
 B N R^8 ,

R¹ is selected from hydrogen, halogen, hydroxyl, lower alkyl, lower cycloalkyl, alkynyl, trifluoromethyl, methoxy, trifluoromethoxy, cyano, -NH₂, -NR⁴R⁵ and -OR⁴;

R² is attached to any available carbon atom of the phenyl ring A and at each occurrence is independently selected from hydrogen, alkyl, lower cycloalkyl, halo, trifluoromethyl, trifluoromethoxy, -OMe, -CN, -NMe₂; -S(=O)alkyl, -S(=O)aryl, -NHSO₂-aryl-R⁴, -NHSO₂alkyl, -CO₂R⁴, -CONH₂, -SO₃H, -S(O)alkyl, -S(O)aryl, -SO₂NHR⁴, and -NHC(=O)NHR⁴;

15 n is 0 or 1; Y is -L-R³ or R¹¹;

R³ is selected from hydrogen, alkyl, -OR⁴, substituted alkyl, cycloalkyl, -CR⁴cycloalkyl, heteroaryl, substituted heteroaryl, heterocycle and substituted heterocycle;

20 L is -C(=O)NH-, -NH(C=O)-, -SO₂NH-, -NHSO₂-, or -C(=O)-; R¹¹ is an optionally substituted 5-membered heteroaryl;

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W is CH or N;
               V is -M-R<sup>10</sup> or R<sup>14</sup>:
              M is -C(=O)NR^4-, -NR^4(C=O)-, -NR^4(C=O)NR^4-, -NR^4SO_2-, or
      -C(=O)-;
              R<sup>14</sup> is aryl or heteroaryl optionally substituted with up to three R<sup>12</sup>;
 5
               P is -O-R^{10} or R^{15};
               O is -NR^4 (C=O)-, -NR^4 (C=O)NR<sup>4</sup>-, -SO_2NR^4-, -NR^4SO_2-, or -C(=O)-;
               R<sup>15</sup> is aryl or heteroaryl optionally substituted with up to three R<sup>12</sup>;
               R<sup>4</sup> and R<sup>5</sup> are each selected independently from hydrogen, lower alkyl
10
       and lower cycloalkyl;
               R<sup>6</sup> is attached to any available carbon atom of the phenyl ring B and at
       each occurrence is independently selected from hydrogen, alkyl, lower
       cycloalkyl, halo, trifluoromethyl, trifluoromethoxy, -OMe, -CN, -NH<sub>2</sub>, -NMe<sub>2</sub>;
       -S(=O)alkyl, -S(=O)aryl, -NHSO<sub>2</sub>-aryl-R<sup>4</sup>, -NHSO<sub>2</sub>alkyl, -CO<sub>2</sub>R<sup>4</sup>, -CONH<sub>2</sub>, -
       SO<sub>3</sub>H. -S(O)alkyl. -S(O)aryl. -SO<sub>2</sub>NHR<sup>4</sup>, -NHC(=O)R<sup>4</sup>, and -NHC(=O)NHR<sup>4</sup>;
15
                R<sup>7</sup> and R<sup>8</sup> are each independently selected from hydrogen, alkyl,
       substituted alkyl, aryl, and cycloalkyl;
                R<sup>9</sup> is hydrogen, alkyl, substituted alkyl or cycloalkyl;
                R<sup>10</sup> is alkyl, substituted alkyl, aryl, or -(CH<sub>2</sub>)<sub>t</sub>-D-(CH<sub>2</sub>)<sub>e</sub>-R<sup>13</sup>;
                t is selected from 0, 1, 2 and 3; e is selected from 0, 1, 2 and 3;
20
                D is selected from a bond, an optionally substituted heterocycle, an
        optionally substituted aryl, -O-, -S-, -(C=O)-, -NR<sup>4</sup>(C=O)-, -(C=O)NR<sup>4</sup>-,
        -S(O)-, SO_2NR^4-, SO_2-, and -NR^4-;
                R<sup>12</sup> is selected from R<sup>10</sup>, NO<sub>2</sub>, CN, lower cycloalkyl, halo,
        trifluoromethyl, trifluoromethoxy, -OMe, -CN, -NMe2; -S(=O)alkyl,
 25
        -S(=O)aryl, -NHSO<sub>2</sub>-aryl-R<sup>4</sup>, -NHSO<sub>2</sub>alkyl, -CO<sub>2</sub>R<sup>4</sup>, -CONH<sub>2</sub>, -SO<sub>3</sub>H,
        -S(O)alkyl, -S(O)aryl, -SO<sub>2</sub>NHR<sup>4</sup>, and -NHC(=O)NHR<sup>4</sup>; and
                 R<sup>13</sup> is selected from an optionally substituted five- to seven-membered
         heterocyclic ring, an optionally substituted five- to seven-membered heteroaryl
        ring and an optionally substituted fused bicyclic ring,
 30
                 with the proviso that when Q is CO then Y is not oxadiazolyl and L is
```

not - C(=O)NH- or -NHC(=O).